BRUHAT BANGALORE MAHANAGARA PALIKE

MODIFIED ESTIMATE

Name of work: Restoration and Improvements of roads M.S Palya, Aishwarya Bakery road, Giridhamanagara and surrounding areas in ward no-03 of Yelahanka New town Sub division.

JOB NUMBER.: 003-22-000009

Sl. No	Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate in Rs.	Amount in Rs.
1	Removing B.S. slab of Drain and stacking.								
	KPWD S.R 2018-19	It. No.		5.32	Pg No.	27			
	Bettahalli Layout								
	9th Main Road LHS		1	57.80		1.35	78.03		
	9th Sub Cross LHS		1	30.00		1.35	40.50		
	8th Main		2	90.00		1.35	243.00		
	8th Sub Cross LHS		1	30.00		1.35	40.50		
	7th Sub Cross (2)		2	25.00		1.35	67.50		
	7th Sub Cross (1)		2	125.00		1.35	337.50		
	6th C Cross		2	60.00		1.35	162.00		
	6th E Sub Cross (3)		1	150.00		1.35	202.50		
	6th E Cross		2	42.00		1.35	113.40		
	6th E Sub Cross (1)		1	39.00		1.35	52.65		
	6th E Sub Cross (2)		1	28.00		1.35	37.80		
	Aishwarya Bakery Road 5th Cross		1	37.00		1.35	49.95		
	Road towards Mariamma Temple		2	240.00		1.35	648.00		
	Anganwadi Center		2	120.00		1.35	324.00		
	20th Cross		1	110.00		1.35	148.50		
	Water Tank Road		2	103.75		1.35	280.13		
	Aditya Nagar water Tank road								
	7th Cross		1	15.00		1.35	20.25		
	4th Cross		1	20.00		1.35	27.00		
	Yakub Sab Layout		2	100.00		1.35	270.00		
	3rd Cross		1	30.00		1.35	40.50		
	2nd A Cross		1	20.00		1.35	27.00		
	2nd B Cross		1	20.00		1.35	27.00		
	Kaveri Layout								
	2nd Main		2	91.70		1.35	247.59		
	Nanjundeshwara Layout Opposite Balaji Layout								
	1st Main		2	94.15		1.35	254.21		
	1st Cross		1	50.00		1.35	67.50		
	2nd Main		2	85.00		1.35	229.50		
	2nd Sub Cross		2	20.00		1.35	54.00		
	3rd Main		2	85.00		1.35	229.50		
	Aditya Nagar II Stage								
	9th Main 5th B Cross		2	30.00		1.35	81.00		
	9th Main 6th B Cross		2	33.00		1.35	89.10		
	9th Main 7th B Cross		2	35.00		1.35	94.50		
	9th Main 8th B Cross		2	35.00		1.35	94.50		
	9th Main 9th A Cross		2	50.00		1.35	135.00		
	9th Main 9th B Cross		2	25.00		1.35	67.50		
	9th Main Road		2	56.00		1.35	151.20		
	9th Main 10th Cross		2	80.00		1.35	216.00		
						Total Qty	5248.80		-
						Qty as per Schedule-B	5248.80		-
						Qty upto 125%	0.00		-
						Qty as per Modified Estimate	5248.80	105.99	556,320.31
2	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.								
	KPWD S R 2018-19	It. No.		19.10	Pg No.	143			
	New CC Drain								
	Doddabettahalli								
	Road opposite to Govt Hospital near BBMP office		2	100.00	1.10	1.00	220.00		
	Back side of SRS College of Nursing (Near Hill Side Meadows)		1	79.00	1.10	1.00	86.90		

Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
	Munivenkatappa Layout (Doddabettahalli)								
	1st Main		1	35.70	1.10	1.00	39.27		
	2nd Cross		2	39.40	1.10	1.00	86.68		
	2nd Main		2	66.75	1.10	1.00	146.85		
	3rd Cross		2	107.85	1.10	1.00	237.27		
	1st Cross		2	35.00	1.10	1.00	77.00		
	3rd Main		2	25.00	1.10	1.00	55.00		
	Opposite Munivenkatappa Layout (Doddabettahalli)								
	near Veeranjaneya Temple		1	22.30	1.10	1.00	24.53		
	Veer Sagar Road								
	Near Bescom Office		1	28.10	1.10	1.00	30.91		
	Bettahalli Layout								
	9th Main Road LHS		1	57.80	1.10	1.00	63.58		
	9th Sub Cross LHS		1	30.00	1.20	1.00	36.00		
	8th Main		2	90.00	1.10	1.00	198.00		
	8th Sub Cross LHS		1	30.00	1.10	1.00	33.00		
	7th Sub Cross (2)		2	25.00	1.10	1.20	66.00		
	7th Sub Cross (1)		2	125.00	1.10	1.20	330.00		
	6th C Cross		2	60.00	1.10	1.00	132.00		
	6th E Sub Cross (3)		1	150.00	1.10	1.00	165.00		
	6th E Cross		2	42.00	1.10	1.00	92.40		
	6th E Sub Cross (1)		1	39.00	1.10	1.00	42.90		
	6th E Sub Cross (2)		1	28.00	1.10	1.00	30.80		
	Aishwarya Bakery Road 5th Cross		1	37.00	1.10	1.00	40.70		
	Road towards Mariamma Temple		2	240.00	1.10	1.00	528.00		
	Anganwadi Center		2	120.00	1.10	1.00	264.00		
	20th Cross		1	110.00	1.10	1.00	121.00		
	Water Tank Road		2	320.00	1.10	1.00	704.00		
	Aditya Nagar water Tank road								
	7th Cross	Cum	1	15.00	1.10	1.00	16.50		
	4th Cross		1	20.00	1.10	1.00	22.00		
	Yakub Sab Layout		2	100.00	1.10	1.00	220.00		
	3rd Cross		1	30.00	1.10	1.00	33.00		
	2nd A Cross		1	20.00	1.10	1.00	22.00		
	2nd B Cross		1	20.00	1.10	1.00	22.00		
	Kaveri Layout								
	2nd Main		2	91.70	1.10	1.00	201.74		
	Nanjundeshwara Layout Opposite Balaji Layout								
	1st Main		2	94.15	1.10	1.00	207.13		
	1st Cross		1	50.00	1.10	1.00	55.00		
	2nd Main		2	85.00	1.10	1.00	187.00		
	2nd Sub Cross		2	20.00	1.10	1.00	44.00		
	3rd Main		2	85.00	1.10	1.00	187.00		
	Aditya Nagar II Stage								
	9th Main 5th B Cross		2	30.00	1.10	1.00	66.00		
	9th Main 6th B Cross		2	33.00	1.10	1.00	72.60		
	9th Main 7th B Cross		2	35.00	1.10	1.00	77.00		
	9th Main 8th B Cross		2	35.00	1.10	1.00	77.00		
	9th Main 9th A Cross		2	50.00	1.10	1.20	132.00		
	9th Main 9th B Cross		2	25.00	1.10	1.00	55.00		
	9th Main Road		2	56.00	1.10	1.00	123.20		
	9th Main 10th Cross		2	80.00	1.10	1.20	211.20		
	AMS Extension								
	7th A Main Road		1	32.00	1.10	1.00	35.20		
	8th A Main Road		1	32.00	1.10	1.00	35.20		
	Masjid Sorrounding Areas								
	Masjid Right Side Road		1	25.00	1.10	1.00	27.50		
	Road Adjacent to RHS Road to Masjid		1	35.00	1.10	1.00	38.50		
	2nd Main Road		2	62.60	1.10	1.00	137.72		
	Mubarak Store Opposite Side		2	60.00	1.10	1.00	132.00		
	New Culvert								
	Cross Roads		28	6.38	1.50	1.00	268.13		
						Total Qty	5841.11		-
						Qty as per Schedule-B	6542.10		-
						Qty upto 125%	0.00		-
						Qty as per Modified Estimate	5841.11	217.43	1,270,032.55

Sl. No	Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate In Rs.	Amount In Rs.
3	Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications								
	KPWD S R 2018-19	It. No.	4.3	Pg.No.	13				
	New CC Drain								
	Bed								
	Doddabettahalli								
	Road opposite to Govt Hospital near BBMP office	Cum	2	100.00	1.10	0.15	33.00		
	Back side of SRS College of Nursing (Near Hill Side Meadows)		1	79.00	1.10	0.15	13.04		
	Munivenkatappa Layout (Doddabettahalli)								
	1st Main		1	35.70	1.10	0.15	5.89		
	2nd Cross		2	39.40	1.10	0.15	13.00		
	2nd Main		2	66.75	1.10	0.15	22.03		
	3rd Cross		2	107.85	1.10	0.15	35.59		
	1st Cross		2	35.00	1.10	0.15	11.55		
	3rd Main		2	25.00	1.10	0.15	8.25		
	Opposite Munivenkatappa Layout (Doddabettahalli)								
	near Veeranjaneya Temple		1	22.30	1.10	0.15	3.68		
	Veer Sagar Road								
	Near Bescom Office		1	28.10	1.10	0.15	4.64		
	Bettahalli Layout								
	9th Main Road LHS		1	57.80	1.10	0.15	9.54		
	9th Sub Cross LHS		1	30.00	1.10	0.15	4.95		
	8th Main		2	90.00	1.10	0.15	29.70		
	8th Sub Cross LHS		1	30.00	1.10	0.15	4.95		
	7th Sub Cross (2)		2	25.00	1.10	0.15	8.25		
	7th Sub Cross (1)		2	125.00	1.10	0.15	41.25		
	6th C Cross		2	60.00	1.10	0.15	19.80		
	6th E Sub Cross (3)		1	150.00	1.10	0.15	24.75		
	6th E Cross		2	42.00	1.10	0.15	13.86		
	6th E Sub Cross (1)		1	39.00	1.10	0.15	6.44		
	6th E Sub Cross (2)		1	28.00	1.10	0.15	4.62		
	Aishwarya Bakery Road 5th Cross		1	37.00	1.10	0.15	6.11		
	Road towards Mariamma Temple		2	240.00	1.10	0.15	79.20		
	Anganwadi Center		2	120.00	1.10	0.15	39.60		
	20th Cross		1	110.00	1.10	0.15	18.15		
	Water Tank Road		2	320.00	1.10	0.15	105.60		
	Aditya Nagar water Tank road								
	7th Cross		1	15.00	1.10	0.15	2.48		
	4th Cross		1	20.00	1.10	0.15	3.30		
	Yakub Sab Layout		2	100.00	1.10	0.15	33.00		
	3rd Cross		1	30.00	1.10	0.15	4.95		
	2nd A Cross		1	20.00	1.10	0.15	3.30		
	2nd B Cross		1	20.00	1.10	0.15	3.30		
	Kaveri Layout								
	2nd Main		2	91.70	1.10	0.15	30.26		
	Nanjundeshwara Layout Opposite Balaji Layout								
	1st Main		2	94.15	1.10	0.15	31.07		
	1st Cross		1	50.00	1.10	0.15	8.25		
	2nd Main		2	85.00	1.10	0.15	28.05		
	2nd Sub Cross		2	20.00	1.10	0.15	6.60		
	3rd Main		2	85.00	1.10	0.15	28.05		
	Aditya Nagar II Stage								
	9th Main 5th B Cross		2	30.00	1.10	0.15	9.90		
	9th Main 6th B Cross		2	33.00	1.10	0.15	10.89		
	9th Main 7th B Cross		2	35.00	1.10	0.15	11.55		
	9th Main 8th B Cross		2	35.00	1.10	0.15	11.55		
	9th Main 9th A Cross		2	50.00	1.10	0.15	16.50		
	9th Main 9th B Cross		2	25.00	1.10	0.15	8.25		
	9th Main Road		2	56.00	1.10	0.15	18.48		
	9th Main 10th Cross		2	80.00	1.10	0.15	26.40		

Sl. No	Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate in Rs.	Amount in Rs.
	AMS Extension								
	7th A Main Road		1	32.00	1.10	0.15	5.28		
	8th A Main Road		1	32.00	1.10	0.15	5.28		
	Masjid Sorrounding Areas								
	Masjid Right Side Road		1	25.00	1.10	0.15	4.13		
	Road Adjacent to RHS Road to Masjid		1	35.00	1.10	0.15	5.78		
	2nd Main Road		2	62.60	1.10	0.15	20.66		
	Mubarak Store Opposite Side		2	60.00	1.10	0.15	19.80		
	New Culvert								
	bed		28	6.38	1.50	0.15	40.22		
						Total Qty	859.23		-
						Qty as per Schedule-B	916.52		-
						Qty upto 125%	0.00		-
						Qty as per Modified Estimate	859.23	5675.99	4,876,980.89
4	Providing TMT Bars Fe 500 steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification. MORTH Specification No.1600 & 2200								
	(Issued Rate 01/02/2021)	It. No.		28.8.2	Pg.No.	229			
	New CC Drain	T	1	1736.70	0.06		104.20		
	New Culvert		1	134.60	0.08		10.77		
						Total Qty	114.97		-
						Qty as per Schedule-B	110.87		-
						Qty upto 125%	114.97		-
						Qty as per Modified Estimate	114.97	80948.07	9,306,599.61
5	Providing and laying plain/reinforced cement concrete for side drains Wall & bottom thickness 15cm using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500,1700, 2200. including cost of materials, labour, HOM complete as per specifications.								
	KPWD S.R 2018-19	It. No.		37 59.2	Pg No.	271			
	New CC Drain								
	Raft								
	Doddabettahalli								
	Road opposite to Govt Hospital near BBMP office		2	100.00	0.90	0.15	27.00		
	Back side of SRS College of Nursing (Near Hill Side Meadows)		1	79.00	0.90	0.15	10.67		
	Munivenkatappa Layout (Doddabettahalli)								
	1st Main		1	35.70	0.90	0.15	4.82		
	2nd Cross		2	39.40	0.90	0.15	10.64		
	2nd Main		2	66.75	0.90	0.15	18.02		
	3rd Cross		2	107.85	0.90	0.15	29.12		
	1st Cross		2	35.00	0.90	0.15	9.45		
	3rd Main		2	25.00	0.90	0.15	6.75		
	Opposite Munivenkatappa Layout (Doddabettahalli)								
	near Veeranjaneya Temple		1	22.30	0.90	0.15	3.01		
	Veer Sagar Road								
	Near Bescom Office		1	28.10	0.90	0.15	3.79		
	Bettahalli Layout								
	9th Main Road LHS		1	57.80	0.90	0.15	7.80		
	9th Sub Cross LHS		1	30.00	0.90	0.15	4.05		
	8th Main		2	90.00	0.90	0.15	24.30		
	8th Sub Cross LHS		1	30.00	0.90	0.15	4.05		
	7th Sub Cross (2)		2	25.00	0.90	0.15	6.75		
	7th Sub Cross (1)		2	125.00	0.90	0.15	33.75		
	6th C Cross		2	60.00	0.90	0.15	16.20		
	6th E Sub Cross (3)		1	150.00	0.90	0.15	20.25		
	6th E Cross		2	42.00	0.90	0.15	11.34		
	6th E Sub Cross (1)		1	39.00	0.90	0.15	5.27		
	6th E Sub Cross (2)		1	28.00	0.90	0.15	3.78		
	Aishwarya Bakery Road 5th Cross		1	37.00	0.90	0.15	5.00		

Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
	Road towards Mariamma Temple		2	240.00	0.90	0.15	64.80		
	Anganwadi Center		2	120.00	0.90	0.15	32.40		
	20th Cross		1	110.00	0.90	0.15	14.85		
	Water Tank Road		2	320.00	0.90	0.15	86.40		
	Aditya Nagar water Tank road								
	7th Cross		1	15.00	0.90	0.15	2.03		
	4th Cross		1	20.00	0.90	0.15	2.70		
	Yakub Sab Layout		2	100.00	0.90	0.15	27.00		
	3rd Cross		1	30.00	0.90	0.15	4.05		
	2nd A Cross		1	20.00	0.90	0.15	2.70		
	2nd B Cross		1	20.00	0.90	0.15	2.70		
	Kaveri Layout								
	2nd Main		2	91.70	0.90	0.15	24.76		
	Nanjundeshwara Layout Opposite Balaji Layout								
	1st Main		2	94.15	0.90	0.15	25.42		
	1st Cross		1	50.00	0.90	0.15	6.75		
	2nd Main		2	85.00	0.90	0.15	22.95		
	2nd Sub Cross		2	20.00	0.90	0.15	5.40		
	3rd Main		2	85.00	0.90	0.15	22.95		
	Aditya Nagar II Stage								
	9th Main 5th B Cross		2	30.00	0.90	0.15	8.10		
	9th Main 6th B Cross		2	33.00	0.90	0.15	8.91		
	9th Main 7th B Cross		2	35.00	0.90	0.15	9.45		
	9th Main 8th B Cross		2	35.00	0.90	0.15	9.45		
	9th Main 9th A Cross		2	50.00	0.90	0.15	13.50		
	9th Main 9th B Cross		2	25.00	0.90	0.15	6.75		
	9th Main Road		2	56.00	0.90	0.15	15.12		
	9th Main 10th Cross		2	80.00	0.90	0.15	21.60		
	AMS Extension								
	7th A Main Road		1	32.00	0.90	0.15	4.32		
	8th A Main Road		1	32.00	0.90	0.15	4.32		
	Masjid Sorrounding Areas								
	Masjid Right Side Road		1	25.00	0.90	0.15	3.38		
	Road Adjacent to RHS Road to Masjid		1	35.00	0.90	0.15	4.73		
	2nd Main Road		2	62.60	0.90	0.15	16.90		
	Mubarak Store Opposite Side		2	60.00	0.90	0.15	16.20		
	Sidewall								
	Doddabettahalli								
	Road opposite to Govt Hospital near BBMP office	Cum	4	100.00	0.15	0.60	36.00		
	Back side of SRS College of Nursing (Near Hill Side Meadows)		2	79.00	0.15	0.60	14.22		
	Munivenkatappa Layout (Doddabettahalli)								
	1st Main		2	35.70	0.15	0.60	6.43		
	2nd Cross		4	39.40	0.15	0.60	14.18		
	2nd Main		4	66.75	0.15	0.60	24.03		
	3rd Cross		4	107.85	0.15	0.60	38.83		
	1st Cross		4	35.00	0.15	0.60	12.60		
	3rd Main		4	25.00	0.15	0.60	9.00		
	Opposite Munivenkatappa Layout (Doddabettahalli)								
	near Veeranjaneya Temple		2	22.30	0.15	0.60	4.01		
	Veer Sagar Road								
	Near Bescom Office		2	28.10	0.15	0.60	5.06		
	Bettahalli Layout								
	9th Main Road LHS		2	57.80	0.15	0.60	10.40		
	9th Sub Cross LHS		2	30.00	0.15	0.60	5.40		
	8th Main		4	90.00	0.15	0.60	32.40		
	8th Sub Cross LHS		2	30.00	0.15	0.60	5.40		
	7th Sub Cross (2)		4	25.00	0.15	0.60	9.00		
	7th Sub Cross (1)		4	125.00	0.15	0.60	45.00		
	6th C Cross		4	60.00	0.15	0.60	21.60		
	6th E Sub Cross (3)		2	150.00	0.15	0.60	27.00		
	6th E Cross		4	42.00	0.15	0.60	15.12		
	6th E Sub Cross (1)		2	39.00	0.15	0.60	7.02		
	6th E Sub Cross (2)		2	28.00	0.15	0.60	5.04		
	Aishwarya Bakery Road 5th Cross		2	37.00	0.15	0.60	6.66		
	Road towards Mariamma Temple		4	240.00	0.15	0.60	86.40		

Sl. No	Description of Work	Unit	No		Dimension L	B	D	Quantity	Rate in Rs.	Amount in Rs.
	Anganwadi Center		4		120.00	0.15	0.60	43.20		
	20th Cross		2		110.00	0.15	0.60	19.80		
	Water Tank Road		4		320.00	0.15	0.60	115.20		
	Aditya Nagar water Tank road									
	7th Cross		2		15.00	0.15	0.60	2.70		
	4th Cross		2		20.00	0.15	0.60	3.60		
	Yakub Sab Layout		4		100.00	0.15	0.60	36.00		
	3rd Cross		2		30.00	0.15	0.60	5.40		
	2nd A Cross		2		20.00	0.15	0.60	3.60		
	2nd B Cross		2		20.00	0.15	0.60	3.60		
	Kaveri Layout									
	2nd Main		4		91.70	0.15	0.60	33.01		
	Nanjundeshwara Layout Opposite Balaji Layout									
	1st Main		4		94.15	0.15	0.60	33.89		
	1st Cross		2		50.00	0.15	0.60	9.00		
	2nd Main		4		85.00	0.15	0.60	30.60		
	2nd Sub Cross		4		20.00	0.15	0.60	7.20		
	3rd Main		4		85.00	0.15	0.60	30.60		
	Aditya Nagar II Stage									
	9th Main 5th B Cross		4		30.00	0.15	0.60	10.80		
	9th Main 6th B Cross		4		33.00	0.15	0.60	11.88		
	9th Main 7th B Cross		4		35.00	0.15	0.60	12.60		
	9th Main 8th B Cross		4		35.00	0.15	0.60	12.60		
	9th Main 9th A Cross		4		50.00	0.15	0.60	18.00		
	9th Main 9th B Cross		4		25.00	0.15	0.60	9.00		
	9th Main Road		4		56.00	0.15	0.60	20.16		
	9th Main 10th Cross		4		80.00	0.15	0.60	28.80		
	AMS Extension									
	7th A Main Road		2		32.00	0.15	0.60	5.76		
	8th A Main Road		2		32.00	0.15	0.60	5.76		
	Masjid Sorrounding Areas									
	Masjid Right Side Road		2		25.00	0.15	0.60	4.50		
	Road Adjacent to RHS Road to Masjid		2		35.00	0.15	0.60	6.30		
	2nd Main Road		2		62.60	0.15	0.60	11.27		
	Mubarak Store Opposite Side		4		60.00	0.15	0.60	21.60		
	New Culvert									
	Raft		28	1	6.38	1.20	0.20	42.90		
	Sidewall		28	2	6.38	0.23	0.60	49.34		
							Total Qty	1742.17		-
							Qty as per Schedule-B	1825.45		-
							Qty upto 125%	0.00		-
							Qty as per Modified Estimate	1742.17	7497.22	13,061,431.77
6	Supplying and fixing precast reinforced concrete slab 10 cm thick of mix M20 using 20mm and downsize graded granite metal using reinforcement 10mm dia steel at 150mm C/c both ways cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface etc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of cost of all materials(data Rate enclosed)									
	Approved Data Rate									
	CC Drain									
	Doddabettahalli									
	Road opposite to Govt Hospital near BBMP office		2		100.00	0.75		150.00		
	Back side of SRS College of Nursing (Near Hill Side Meadows)		1		79.00	0.90		71.10		
	Munivenkatappa Layout (Doddabettahalli)									
	1st Main		1		35.70	0.75		26.78		
	2nd Cross		2		39.40	0.75		59.10		
	2nd Main		2		66.75	0.75		100.13		
	3rd Cross		2		107.85	0.75		161.78		
	1st Cross		2		35.00	0.75		52.50		
	3rd Main		2		25.00	0.75		37.50		
	Opposite Munivenkatappa Layout (Doddabettahalli)									
	near Veeranjaneya Temple		1		22.30	0.75		16.73		
	Veer Sagar Road									
	Near Bescom Office		1		28.10	0.75		21.08		

Sl. No	Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate in Rs.	Amount in Rs.
	Bettahalli Layout								
	9th Main Road LHS		1	57.80	0.90		52.02		
	9th Sub Cross LHS		1	30.00	0.90		27.00		
	8th Main		2	90.00	0.75		135.00		
	8th Sub Cross LHS		1	30.00	0.75		22.50		
	7th Sub Cross (2)		2	25.00	0.75		37.50		
	7th Sub Cross (1)		2	125.00	0.75		187.50		
	6th C Cross		2	60.00	0.75		90.00		
	6th E Sub Cross (3)		1	150.00	0.75		112.50		
	6th E Cross		2	42.00	0.75		63.00		
	6th E Sub Cross (1)		1	39.00	0.75		29.25		
	6th E Sub Cross (2)		1	28.00	0.75		21.00		
	Aishwarya Bakery Road 5th Cross		1	37.00	0.90		33.30		
	Road towards Mariamma Temple		2	240.00	0.90		432.00		
	Anganwadi Center		2	120.00	0.90		216.00		
	20th Cross		1	110.00	0.75		82.50		
	Water Tank Road		2	320.00	0.90		576.00		
	Aditya Nagar water Tank road								
	7th Cross		1	15.00	0.75		11.25		
	4th Cross		1	20.00	0.75		15.00		
	Yakub Sab Layout	Sqm	2	100.00	0.90		180.00		
	3rd Cross		1	30.00	0.90		27.00		
	2nd A Cross		1	20.00	0.75		15.00		
	2nd B Cross		1	20.00	0.75		15.00		
	Kaveri Layout								
	2nd Main		2	91.70	0.90		165.06		
	Nanjundeshwara Layout Opposite Balaji Layout								
	1st Main		2	94.15	0.90		169.47		
	1st Cross		1	50.00	0.90		45.00		
	2nd Main		2	85.00	0.90		153.00		
	2nd Sub Cross		2	20.00	0.90		36.00		
	3rd Main		2	85.00	0.90		153.00		
	Aditya Nagar II Stage								
	9th Main 5th B Cross		2	30.00	0.75		45.00		
	9th Main 6th B Cross		2	33.00	0.75		49.50		
	9th Main 7th B Cross		2	35.00	0.75		52.50		
	9th Main 8th B Cross		2	35.00	0.75		52.50		
	9th Main 9th A Cross		2	50.00	0.75		75.00		
	9th Main 9th B Cross		2	25.00	0.75		37.50		
	9th Main Road		2	56.00	0.75		84.00		
	9th Main 10th Cross		2	80.00	0.75		120.00		
	AMS Extension								
	7th A Main Road		1	32.00	0.75		24.00		
	8th A Main Road		1	32.00	0.75		24.00		
	Masjid Sorrounding Areas								
	Masjid Right Side Road		1	25.00	0.60		15.00		
	Road Adjacent to RHS Road to Masjid		1	35.00	0.60		21.00		
	2nd Main Road		2	62.60	0.75		93.90		
	Mubarak Store Opposite Side		2	60.00	0.75		90.00		
	Sai Nagara Ph II								
	8th Cross		1	100.00	0.90		90.00		
	3rd Cross		1	60.00	0.90		54.00		
	Missing slabs in and around Doddabettahalli						225.00		
	Deductions for BS Slab						-222.68		
						Total Qty	4534.23		-
						Qty as per Schedule-B	5216.40		-
						Qty upto 125%	0.00		-
						Qty as per Modified Estimate	4534.23	1941.22	8,801,937.96
7	Providing and laying Pre Cast Drain Cover slabs of 250mm thick of mix M20 using graded granite jelly 20mm down size with steel reinforcement, including from work, lift charges, curing and concrete finished surfaces on both side etc. complete and as per drawing and direction of Engineer-in-charge of work (data Rate enclosed)								
	Approved Data Rate								
	Culvert cover slab		28	6.38	1.20		214.50		

Sl No	Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate in Rs.	Amount in Rs.
		Sqm				Total Qty	214.50		-
						Qty as per Schedule-B	171.60		-
						Qty upto 125%	214.50		-
						Qty as per Modified Estimate	214.50	4530.86	971,869.47
8	Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal Coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost ofall materials, labour, HOM curing complete as per specifications.								
	KPWD S.R 2018-19	It. No.		4.60	Pg No.	13			
	New Kerb	cum							
	Munivenkatappa Layout (Doddabettahalli)								
	1st Main		2	17.85	0.20	0.10	0.71		
	2nd Cross		2	39.40	0.20	0.10	1.58		
	2nd Main		2	66.75	0.20	0.10	2.67		
	3rd Cross		2	107.85	0.20	0.10	4.31		
	1st Cross		2	34.70	0.20	0.10	1.39		
	3rd Main		2	25.00	0.20	0.10	1.00		
	W0804 Ch:00-88 N.D Traders road		2	229.70	0.20	0.10	9.19		
	Aditya Nagara Water Tank Road								
	Yakub Sab Layout		2	112.00	0.20	0.10	4.48		
	Kaveri Layout								
	2nd Main		2	100.00	0.20	0.10	4.00		
	Nanjundeshwara Layout Opposite Balaji Layout								
	1st Main		2	94.15	0.20	0.10	3.77		
	1st Cross		2	50.00	0.20	0.10	2.00		
	2nd Main		1	85.00	0.20	0.10	1.70		
	2nd Sub Cross		2	20.00	0.20	0.10	0.80		
	3rd Main		2	85.00	0.20	0.10	3.40		
	Aditya Nagar II Stage								
	9th Main 5th B Cross		2	30.00	0.20	0.10	1.20		
	9th Main 6th B Cross		2	33.00	0.20	0.10	1.32		
	9th Main 7th B Cross		2	35.00	0.20	0.10	1.40		
	9th Main 8th B Cross		2	35.00	0.20	0.10	1.40		
	9th Main 9th A Cross		2	50.00	0.20	0.10	2.00		
	9th Main 9th B Cross		2	25.00	0.20	0.10	1.00		
	9th Main Road		2	56.00	0.20	0.10	2.24		
	9th Main 10th Cross		1	80.00	0.20	0.10	1.60		
	Sai Nagara Ph II								
	Main Road		2	80.00	0.20	0.10	3.20		
	1st Main		2	140.00	0.20	0.10	5.60		
	8th Cross		1	100.00	0.20	0.10	2.00		
	4th Cross		2	90.00	0.20	0.10	3.60		
	3rd Cross		2	63.00	0.20	0.10	2.52		
						Total Qty	87.60		-
						Qty as per Schedule-B	70.08		-
						Qty upto 125%	87.60		-
						Qty as per Modified Estimate	87.60	6089.86	533,471.74
9	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete.								
	KPWD S.R 2018-19	It. No.		5.30	Pg No.	27			
	Munivenkatappa Layout (Doddabettahalli)								
	1st Main		2	17.85			79		
	2nd Cross		2	39.40			175		
	2nd Main		2	66.75			297		
	3rd Cross		2	107.85			479		
	1st Cross		2	34.70			154		
	3rd Main		2	25.00			111		
	W0804 Ch:00-88 N.D Traders road		2	229.70			1021		
	Aditya Nagara Water Tank Road								
	Yakub Sab Layout		2	112.00			498		
	Kaveri Layout								
	2nd Main		2	100.00			444		

S No	Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate in Rs.	Amount in Rs.
	Nanjundeshwara Layout Opposite Balaji Layout								
	1st Main		2	94.15			418		
	1st Cross		2	50.00			222		
	2nd Main		1	85.00			189		
	2nd Sub Cross		2	20.00			89		
	3rd Main		2	85.00			378		
	Aditya Nagar II Stage								
	9th Main 5th B Cross		2	30.00			133		
	9th Main 6th B Cross		2	33.00			147		
	9th Main 7th B Cross		2	35.00			156		
	9th Main 8th B Cross		2	35.00			156		
	9th Main 9th A Cross		2	50.00			222		
	9th Main 9th B Cross		2	25.00			111		
	9th Main Road		2	56.00			249		
	9th Main 10th Cross		1	80.00			178		
	Sai Nagara Ph II								
	Main Road		2	80.00			356		
	1st Main		2	140.00			622		
	8th Cross		1	100.00			222		
	4th Cross		2	90.00			400		
	3rd Cross		2	63.00			280		
						Total Qty	9733.34		-
						Qty as per Schedule-B	7786.67		-
						Qty upto 125%	9733.34		-
						Qty as per Modified Estimate	9733.34	436.80	4,251,521.82
10	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications.								
	KPWD S.R 2018-19	It. No.	22.6.1	Pg.No.	176				
	Munivenkatappa Layout (Doddabettahalli)								
	1st Main		2	17.85		0.35	12.50		
	2nd Cross		2	39.40		0.35	27.58		
	2nd Main		2	66.75		0.35	46.73		
	3rd Cross		2	107.85		0.35	75.50		
	1st Cross		2	34.70		0.35	24.29		
	3rd Main		2	25.00		0.35	17.50		
	W0804 Ch 00-88 N D Traders road		2	229.70		0.35	160.79		
	Aditya Nagara Water Tank Road								
	Yakub Sab Layout		2	112.00		0.35	78.40		
	Kaveri Layout								
	2nd Main		2	100.00		0.35	70.00		
	Nanjundeshwara Layout Opposite Balaji Layout								
	1st Main		2	94.15		0.35	65.91		
	1st Cross		2	50.00		0.35	35.00		
	2nd Main		1	85.00		0.35	29.75		
	2nd Sub Cross		2	20.00		0.35	14.00		
	3rd Main		2	85.00		0.35	59.50		
	Aditya Nagar II Stage								
	9th Main 5th B Cross		2	30.00		0.35	21.00		
	9th Main 6th B Cross		2	33.00		0.35	23.10		
	9th Main 7th B Cross		2	35.00		0.35	24.50		
	9th Main 8th B Cross		2	35.00		0.35	24.50		
	9th Main 9th A Cross		2	50.00		0.35	35.00		
	9th Main 9th B Cross		2	25.00		0.35	17.50		
	9th Main Road		2	56.00		0.35	39.20		
	9th Main 10th Cross		1	80.00		0.35	28.00		
	Sai Nagara Ph II								
	Main Road		2	80.00		0.35	56.00		
	1st Main		2	140.00		0.35	98.00		
	8th Cross		1	100.00		0.35	35.00		
	4th Cross		2	90.00		0.35	63.00		
	3rd Cross		2	63.00		0.35	44.10		
						Total Qty	1170.00		-
						Qty as per Schedule-B	1225.40		-
						Qty upto 125%	0.00		-
						Qty as per Modified Estimate	1170.00	85.65	100,210.50

S No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate In Rs.	Amount In Rs.
11	Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by mechanical means attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM complete as per specifications. MORTH I Chapter 3								
	KPWD S R 2018-19	It. No.		19.56	Pg No.	146			
	Bettahalli	Sqm							
	7th Sub Cross		1	27.00	4.35		117.45		
	6th C Cross		1	58.00	4.00		233.20		
	Aishwarya Bakery Road 5th Cross		1	52.00	4.70		272.90		
	Aishwarya Bakery Road 6th Cross		1	50.00	4.75		228.00		
	Aditya Nagara I Stage								
	Al Haj Syed Yakhub Sab Layout		1	112.00	5.00		666.68		
	Adithya Nagara								
	9th Main 10th Cross towards Meadows		1	94.00	5.50		517.00		
	Attur Lake Road								
	In front of Vruksha Restaurant		1	90.00	6.29		566.02		
						Total Qty	2602.00		-
						Qty as per Schedule-B	2602.00		-
						Qty upto 125%	0.00		-
						Qty as per Modified Estimate	2602.00	41.75	108,633.50
12	**Leading Charge for 8Km**	Cum	1	2602.00		0.08	260.20		
						Total Qty	260.20		-
						Qty as per Schedule-B	208.16		-
						Qty upto 125%	260.20		-
						Qty as per Modified Estimate	260.20	21.93	5,706.19
13	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete,-wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. i) Lime /Cement Concrete. I. By Manual Means. A. Lime Concrete, cement concrete grade M-10 and below. MORTH Specification No. 202								
	KPWD S R 2018-19	It. No.		18.17	Pg No.	139			
	Aditya Nagar I Stage	0							
	2nd A Cross		1	24.00	3.50	0.15	12.60		
	2nd B Cross		1	21.00	3.50	0.15	11.03		
	3rd Cross		1	30.00	3.50	0.15	15.75		
	4th Cross		1	45.00	4.45	0.15	30.04		
	5th Cross		1	30.00	3.50	0.15	15.75		
	6th Cross		1	24.00	5.00	0.15	18.00		
	7th Cross		1	30.00	3.50	0.15	15.75		
	Bettahalli Layout								
	6th E Sub Cross (3)		1	16.00	4.00	0.15	9.60		
	Towards Mariamma Temple		1	60.00	4.00	0.15	36.00		
	AMS Extension								
	7th A Main Road		1	34.00	3.75	0.15	19.13		
	8th A Main Road		1	35.00	3.75	0.15	19.69		
						Total Qty	203.10		-
						Qty as per Schedule-B	203.10		-
						Qty upto 125%	0.00		-
						Qty as per Modified Estimate	203.10	486.05	98,716.76
14	Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications.								
	KPWD S R 2018-19	It. No.		19.14	Pg No.	143			
	BC Road								
	Bettahalli								
	7th Sub Cross		1	27.00	5.45	0.30	44.14		
	6th C Cross		1	58.00	4.50	0.30	78.30		
	Aishwarya Bakery Road 5th Cross		1	52.00	5.25	0.30	81.95		
	Aishwarya Bakery Road 6th Cross		1	50.00	5.05	0.30	75.75		

S No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
	Aditya Nagara I Stage								
	Al Haj Syed Yakhub Sab Layout	Cum	1	112.00	1.47	0.30	49.38		
	Adithya Nagara								
	9th Main 10th Cross towards Meadows		1	94.00	5.00	0.15	70.50		
	Munivenkatappa Layout (Doddabettahalli)								
	1st Cross		1	34.20	6.10	0.30	62.59		
	3rd Main		1	14.80	6.50	0.30	28.86		
	2nd Cross		1	28.10	8.20	0.30	69.13		
	2nd Cross		1	9.20	8.00	0.30	22.08		
	2nd Main		1	67.60	7.80	0.30	158.18		
	3rd Cross		1	58.50	5.00	0.30	87.75		
	Al Haj Syed Yakhub Sab Layout								
	Al Haj Syed Yakhub Sab Layout sub cross		1	47.00	6.10	0.30	86.01		
	Rajiv Gandhi Nagara								
	2nd Cross		1	113.00	6.20	0.30	210.18		
	Jyoti Nagar								
	2nd Cross		1	336.50	5.30	0.30	535.04		
	3rd Cross		1	338.00	5.90	0.30	598.26		
	BHEL Layout								
	2nd Main		1	183.50	6.35	0.30	349.57		
	Hi Tension wire lane behind masjid								
	Main Road		1	189.00	11.25	0.30	637.88		
	Munishwara Layout								
	6th Main		1	66.00	5.55	0.30	109.89		
	7th Main		1	68.00	5.75	0.30	117.30		
	9th Main Third Cross		1	136.50	5.25	0.30	214.99		
	Attur Lake Road								
	In front of Vruksha Restaurant		1	286.50	5.10	0.30	438.35		
	Amba Bavani Road								
	Sashank Florento front		1	634.40	11.20	0.30	2131.58		
	Ambedkar Park								
	Beside Road		1	115.60	6.95	0.30	241.03		
	Top Root College road								
	Main Road		1	225.00	7.90	0.30	533.25		
	New CC Road								
	Aditya Nagar I Stage								
	2nd A Cross		1	24.00	3.75	0.30	27.00		
	2nd B Cross		1	21.00	3.75	0.30	23.63		
	3rd Cross		1	30.00	3.80	0.30	34.20		
	4th Cross		1	45.00	4.50	0.30	60.75		
	5th Cross		1	30.00	4.42	0.30	39.75		
	6th Cross		1	24.00	5.30	0.30	38.16		
	7th Cross		1	30.00	4.00	0.30	36.00		
	8th Cross		1	19.00	6.90	0.30	39.33		
	Nanjundeshwara Layout Opposite Balaji Layout								
	1st Main		1	98.00	5.36	0.30	157.69		
	1st Cross		1	55.00	6.07	0.30	100.22		
	2nd Main		1	34.00	5.04	0.30	51.36		
	2nd Sub Cross		1	23.00	6.05	0.30	41.75		
	3rd Main		1	57.00	5.50	0.30	94.05		
	Bettahalli Layout								
	6th E Sub Cross (3)		1	16.00	3.50	0.30	16.80		
	2nd Main road		1	64.00	3.55	0.30	68.25		
	Mubarak Store opposite		1	60.00	3.40	0.30	61.20		
	Road adjacent to RHS of Masjid		1	35.00	4.84	0.30	50.86		
	Towards Mariamma Temple		1	229.04	4.84	0.30	332.81		
	AMS Extension								
	7th A Main Road		1	34.00	3.20	0.30	32.64		
	8th A Main Road		1	35.00	3.49	0.30	36.65		
	Munivenkatappa Layout (Doddabettahalli)								
	1st Main		1	43.60	11.00	0.30	143.88		
						Total Qty	9172.00		-
						Qty as per Schedule-B	8651.52		-
						Qty upto 125%	9172.00		-
						Qty as per Modified Estimate	9172.00	64.58	592,327.76

S No	Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate in Rs.	Amount in Rs.
15	Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH / Chapter 3 (I No-19.64,P No-147)								
	KPWD S R 2018-19	It. No.		19.64	Pg No.	147			
	BC Road								
	Bettahalli								
	7th Sub Cross		1	27.00	5.45		147.14		
	6th C Cross		1	58.00	4.50		261.00		
	Aishwarya Bakery Road 5th Cross		1	52.00	5.25		273.17		
	Aishwarya Bakery Road 6th Cross		1	50.00	5.05		252.51		
	Aditya Nagara I Stage								
	Al Haj Syed Yakhub Sab Layout		1	112.00	1.47		164.62		
	Adithya Nagara								
	9th Main 10th Cross towards Meadows		1	94.00	5.00		470.00		
	Munivenkatappa Layout (Doddabettahalli)								
	1st Cross		1	34.20	6.10		208.62		
	3rd Main		1	14.80	6.50		96.20		
	2nd Cross		1	28.10	8.20		230.42		
	2nd Cross		1	9.20	8.00		73.60		
	2nd Main		1	67.60	7.80		527.28		
	3rd Cross		1	58.50	5.00		292.50		
	Al Haj Syed Yakhub Sab Layout								
	Al Haj Syed Yakhub Sab Layout sub cross		1	47.00	6.10		286.70		
	Rajiv Gandhi Nagara								
	2nd Cross		1	113.00	6.20		700.60		
	Jyoti Nagar								
	2nd Cross		1	336.50	5.30		1783.45		
	3rd Cross		1	338.00	5.90		1994.20		
	BHEL Layout								
	2nd Main		1	183.50	6.35		1165.23		
	HI Tension wire lane behind masjid								
	Main Road		1	189.00	11.25		2126.25		
	Munishwara Layout								
	6th Main		1	66.00	5.55		366.30		
	7th Main		1	68.00	5.75		391.00		
	9th Main Third Cross		1	136.50	5.25		716.63		
	Attur Lake Road								
	In front of Vruksha Restaurant		1	286.50	5.10		1461.15		
	Amba Bavani Road								
	Sashank Florento front		1	634.40	11.20		7105.28		
	Ambedkar Park								
	Beside Road		1	115.60	6.95		803.42		
	Top Root College road								
	Main Road		1	225.00	7.90		1777.50		
	New CC Road								
	Aditya Nagar I Stage								
	2nd A Cross		1	24.00	3.75		90.01		
	2nd B Cross		1	21.00	3.75		78.76		
	3rd Cross		1	30.00	3.80		113.99		
	4th Cross		1	45.00	4.50		202.50		
	5th Cross		1	30.00	4.42		132.49		
	6th Cross		1	24.00	5.30		127.21		
	7th Cross		1	30.00	4.00		120.00		
	8th Cross		1	19.00	6.90		131.11		
	Nanjundeshwara Layout Opposite Balaji Layout								
	1st Main		1	98.00	5.36		525.64		
	1st Cross		1	55.00	6.07		334.08		
	2nd Main		1	34.00	5.04		171.21		
	2nd Sub Cross		1	23.00	6.05		139.16		
	3rd Main		1	57.00	5.50		313.51		
	Bettahalli Layout								
	6th E Sub Cross (3)		1	16.00	3.50		56.01		
	2nd Main road		1	64.00	3.55		227.50		
	Mubarak Store opposite		1	60.00	3.40		203.99		
	Road adjacent to RHS of Masjid		1	35.00	4.84		169.52		

S No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
	Towards Mariamma Temple		1	229.04	4.84		1109.35		
	AMS Extension								
	7th A Main Road		1	34.00	3.20		108.79		
	8th A Main Road		1	35.00	3.49		122.17		
	Munivenkatappa Layout (Doddabettahalli)								
	1st Main		1	43.60	11.00		479.60		
						Total Qty	30105.00		-
						Qty as per Schedule-B	28838.40		-
						Qty upto 125%	30105.00		-
						Qty as per Modified Estimate	30105.00	6.42	193,274.10
16	Providing and Constructing dry lean cement concrete mix CC 1:5:10 base with OPC 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @0.58cum over a prepared sub-base, coarse and fine aggregate conforming to IS: 383-2016,aggregate cement ratio not to exceed 15:1, Aggregate gradation after blending to be as per Table 600-1 .optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications. Clause 601 of MORTH V Revision and IS 456 Table-5 do- with OPC at 150 kg/cum and coarse aggregate 0.86cum, fine aggregate 0.58cum using Concrete Batch mix Plant at 75 cum/hr capacity with fixed form paver.								
	KPWD S.R 2018-19	It. No.	22.1.2	Pg No.	174				
	New CC Road								
	Aditya Nagar I Stage								
	2nd A Cross	cum	1	24.00	3.75	0.15	13.50		
	2nd B Cross		1	21.00	3.75	0.15	11.81		
	3rd Cross		1	30.00	3.80	0.15	17.10		
	4th Cross		1	45.00	4.50	0.15	30.38		
	5th Cross		1	30.00	4.42	0.15	19.87		
	6th Cross		1	24.00	5.30	0.15	19.08		
	7th Cross		1	30.00	4.00	0.15	18.00		
	8th Cross		1	19.00	6.90	0.15	19.67		
	Nanjundeshwara Layout Opposite Balaji Layout								
	1st Main		1	98.00	5.36	0.15	78.85		
	1st Cross		1	55.00	6.07	0.15	50.11		
	2nd Main		1	34.00	5.04	0.15	25.68		
	2nd Sub Cross		1	23.00	6.05	0.15	20.87		
	3rd Main		1	57.00	5.50	0.15	47.03		
	Bettahalli Layout								
	6th E Sub Cross (3)		1	16.00	3.50	0.15	8.40		
	2nd Main road		1	64.00	3.55	0.15	34.13		
	Mubarak Store opposite		1	60.00	3.40	0.15	30.60		
	Road adjacent to RHS of Masjid		1	35.00	4.84	0.15	25.43		
	Towards Mariamma Temple		1	229.04	4.84	0.15	166.40		
	AMS Extension								
	7th A Main Road		1	34.00	3.20	0.15	16.32		
	8th A Main Road		1	35.00	3.49	0.15	18.32		
	Munivenkatappa Layout (Doddabettahalli)								
	1st Main		1	43.60	11.00	0.15	71.94		
						Total Qty	742.00		-
						Qty as per Schedule-B	671.55		-
						Qty upto 125%	742.00		-
						Qty as per Modified Estimate	742.00	4101.90	3,043,609.80

No	Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate in Rs.	Amount in Rs.
17	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC at 360 kg/cum and coarse aggregate 0.69cum, fine aggregate 0.46cum. OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS 383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, soparation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine, and curing including cost of all materials, labour,hire charges of machineries,all lead & lift charges etc., complete as per specifications.								
	KPWD S R 2018-19	It. No.	22.6.1	Pg No.	176				
	New CC Road	Cum							
	Aditya Nagar I Stage								
	2nd A Cross		1	24.00	3.75	0.15	13.50		
	2nd B Cross		1	21.00	3.75	0.15	11.81		
	3rd Cross		1	30.00	3.80	0.15	17.10		
	4th Cross		1	45.00	4.50	0.15	30.38		
	5th Cross		1	30.00	4.42	0.15	19.87		
	6th Cross		1	24.00	5.30	0.15	19.08		
	7th Cross		1	30.00	4.00	0.15	18.00		
	8th Cross		1	19.00	6.90	0.15	19.67		
	Nanjundeshwara Layout Opposite Balaji Layout								
	1st Main		1	98.00	5.36	0.15	78.85		
	1st Cross		1	55.00	6.07	0.15	50.11		
	2nd Main		1	34.00	5.04	0.15	25.68		
	2nd Sub Cross		1	23.00	6.05	0.15	20.87		
	3rd Main		1	57.00	5.50	0.15	47.03		
	Bettahalli Layout								
	6th E Sub Cross (3)		1	16.00	3.50	0.15	8.40		
	2nd Main road		1	64.00	3.55	0.15	34.13		
	Mubarak Store opposite		1	60.00	3.40	0.15	30.60		
	Road adjacent to RHS of Masjid		1	35.00	4.84	0.15	25.43		
	Towards Mariamma Temple		1	229.04	4.84	0.15	166.40		
	Aditya Nagara I Stage								
	7th A Main Road		1	34.00	3.20	0.15	16.32		
	8th A Main Road		1	35.00	3.49	0.15	18.32		
	Munivenkatappa Layout (Doddabettahalli)								
	1st Main		1	43.60	11.00	0.15	71.94		
						Total Qty	742.00		-
						Qty as per Schedule-B	671.55		-
						Qty upto 125%	742.00		-
						Qty as per Modified Estimate	742.00	5690.64	4,222,454.88
18	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications								
	KPWD S R 2018-19	It. No.	20.5	Pg No.	153				
	GSB								
	New BC Road								
	Chikkabetthalli								
	Bettahalli								
	7th Sub Cross		1	27.00	5.45	0.15	22.07		
	6th C Cross		1	58.00	4.50	0.15	39.15		
	Aishwarya Bakery Road 5th Cross		1	52.00	5.25	0.15	40.98		
	Aishwarya Bakery Road 6th Cross		1	50.00	5.05	0.15	37.88		
	Aditya Nagara I Stage								
	Al Haj Syed Yakhub Sab Layout		1	250.00	6.00	0.15	225.00		
	Adithya Nagara								
	9th Main 10th Cross towards Meadows		1	94.00	5.00	0.15	70.50		

No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
	Munivenkatappa Layout (Doddabettahalli)								
	1st Cross		1	34.20	6.10	0.15	31.29		
	3rd Main		1	14.80	6.50	0.15	14.43		
	2nd Cross		1	28.10	8.20	0.15	34.56		
	2nd Cross		1	9.20	8.00	0.15	11.04		
	2nd Main		1	67.60	7.80	0.15	79.09		
	3rd Cross		1	58.50	5.00	0.15	43.88		
	Al Haj Syed Yakhub Sab Layout								
	Al Haj Syed Yakhub Sab Layout sub cross		1	47.00	6.10	0.15	43.01		
	Rajiv Gandhi Nagara	Cum.							
	2nd Cross		1	113.00	6.20	0.15	105.09		
	Jyoti Nagar								
	2nd Cross		1	336.50	5.30	0.15	267.52		
	3rd Cross		1	338.00	5.90	0.15	299.13		
	BHEL Layout								
	2nd Main		1	183.50	6.35	0.15	174.78		
	Hi Tension wire lane behind masjid								
	Main Road		1	189.00	11.50	0.15	326.03		
	Munishwara Layout								
	6th Main		1	66.00	5.55	0.15	54.95		
	7th Main		1	68.00	5.75	0.15	58.65		
	9th Main Third Cross		1	136.50	5.42	0.15	111.01		
	Attur Lake Road								
	In front of Vruksha Restaurant		1	286.50	6.50	0.15	279.34		
	Amba Bavani Road								
	Sashank Florento front		1	634.40	11.20	0.15	1065.79		
	Ambedkar Park								
	Beside Road		1	115.60	7.20	0.15	124.85		
	Top Root College road								
	Main Road		1	225.00	8.00	0.15	270.00		
						Total Qty	3831.00		-
						Qty as per Schedule-B	3654.21		-
						Qty upto 125%	3831.00		-
						Qty as per Modified Estimate	3831.00	2014.87	7,718,966.97
19	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406								
	KPWD S.R 2018-19	It. No.		20.18	Pg.No.	155			
	BC Road								
	Bettahalli								
	7th Sub Cross		1	27.00	5.45	0.20	29.43		
	6th C Cross		1	58.00	4.50	0.20	52.20		
	Aishwarya Bakery Road 5th Cross		1	52.00	5.25	0.20	54.63		
	Aishwarya Bakery Road 6th Cross		1	50.00	5.05	0.20	50.50		
	Aditya Nagara I Stage								
	Al Haj Syed Yakhub Sab Layout		1	250.00	6.00	0.20	300.00		
	Adithya Nagara								
	9th Main 10th Cross towards Meadows		1	94.00	5.00	0.20	94.00		
	Munivenkatappa Layout (Doddabettahalli)								
	1st Cross		1	34.20	6.10	0.20	41.72		
	3rd Main		1	14.80	6.50	0.20	19.24		
	2nd Cross		1	28.10	8.20	0.20	46.08		
	2nd Cross		1	9.20	8.00	0.20	14.72		
	2nd Main		1	67.60	7.80	0.20	105.46		
	3rd Cross		1	58.50	5.00	0.20	58.50		
	Al Haj Syed Yakhub Sab Layout								
	Al Haj Syed Yakhub Sab Layout sub cross		1	47.00	6.10	0.20	57.34		
	Rajiv Gandhi Nagara								
	2nd Cross	Cum	1	113.00	6.20	0.20	140.12		
	Jyoti Nagar								
	2nd Cross		1	336.50	5.30	0.20	356.69		
	3rd Cross		1	338.00	5.90	0.20	398.84		

S No	Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate in Rs.	Amount in Rs.
	BHEL Layout								
	2nd Main		1	183.50	6.35	0.20	233.05		
	HI Tension wire lane behind masjid								
	Main Road		1	189.00	11.50	0.20	434.70		
	Munishwara Layout								
	6th Main		1	66.00	5.55	0.20	73.26		
	7th Main		1	68.00	5.75	0.20	78.20		
	9th Main Third Cross		1	136.50	5.42	0.20	148.01		
	Attur Lake Road								
	In front of Vruksha Restaurant		1	286.50	6.50	0.20	372.45		
	Amba Bavani Road								
	Sashank Florento front		1	634.40	11.20	0.20	1421.06		
	Ambedkar Park								
	Beside Road		1	115.60	7.20	0.20	166.46		
	Top Root College road								
	Main Road		1	225.00	8.00	0.20	360.00		
						Total Qty	5107.00		-
						Qty as per Schedule-B	4872.28		-
						Qty upto 125%	5107.00		-
						Qty as per Modified Estimate	5107.00	2021.29	10,322,728.03
20	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications.Clause 502 of MORTH V revision								
	KPWD S R 2018-19	Il. No.		21.60	Pg No.	158			
	BC Road								
	Bettahalli								
	Aishwarya Bakery Road 5th Cross		1	52.00	5.25		273.17		
	Aishwarya Bakery Road 6th Cross		1	50.00	5.05		252.51		
	Aditya Nagara I Stage								
	Al Haj Syed Yakhub Sab Layout		1	250.00	6.00		1500.00		
	Adithya Nagara								
	9th Main 10th Cross towards Meadows		1	94.00	5.00		470.00		
	Munivenkatappa Layout (Doddabettahalli)								
	1st Cross		1	34.20	6.10		208.62		
	3rd Main		1	14.80	6.50		96.20		
	2nd Cross		1	28.10	8.20		230.42		
	2nd Cross		1	9.20	8.00		73.60		
	2nd Main		1	67.60	7.80		527.28		
	3rd Cross		1	58.50	5.00		292.50		
	Al Haj Syed Yakhub Sab Layout								
	Al Haj Syed Yakhub Sab Layout sub cross		1	47.00	6.10		286.70		
	Rajiv Gandhi Nagara								
	2nd Cross		1	113.00	6.20		700.60		
	Jyoti Nagar	Sqm							
	2nd Cross		1	336.50	5.30		1783.45		
	3rd Cross		1	338.00	5.90		1994.20		
	BHEL Layout								
	2nd Main		1	183.50	6.35		1165.23		
	HI Tension wire lane behind masjid								
	Main Road		1	189.00	11.50		2173.50		
	Munishwara Layout								
	6th Main		1	66.00	5.55		366.30		
	7th Main		1	68.00	5.75		391.00		
	9th Main Third Cross		1	136.50	5.42		740.03		
	Attur Lake Road								
	In front of Vruksha Restaurant		1	286.50	6.50		1862.25		
	Amba Bavani Road								
	Sashank Florento front		1	634.40	10.00		6344.00		
	Ambedkar Park								
	Beside Road		1	115.60	6.50		751.40		
	Top Root College road								
	Main Road		1	225.00	7.00		1575.00		
						Total Qty	24050.00		-
						Qty as per Schedule-B	24361.40		-
						Qty upto 125%	0.00		-
						Qty as per Modified Estimate	24050.00	34.26	823,953.00

S No	Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate in Rs.	Amount in Rs.
21	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and ialignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 505 of MORTH V revision do - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen								
	KPWD S R 2018-19	It. No.	21.17.6	Pg No.	159				
	BC Road								
	Bettahalli								
	Aishwarya Bakery Road 5th Cross	Cum	1	52.00	5.25	0.05	13.66		
	Aishwarya Bakery Road 6th Cross		1	50.00	5.05	0.05	12.63		
	Aditya Nagara I Stage								
	Al Haj Syed Yakhub Sab Layout		1	250.00	6.00	0.05	75.00		
	Adithya Nagara								
	9th Main 10th Cross towards Meadows		1	94.00	5.00	0.05	23.50		
	Munivenkatappa Layout (Doddabettahalli)								
	1st Cross		1	34.20	6.10	0.05	10.43		
	3rd Main		1	14.80	6.50	0.05	4.81		
	2nd Cross		1	28.10	8.20	0.05	11.52		
	2nd Cross		1	9.20	8.00	0.05	3.68		
	2nd Main		1	67.60	7.80	0.05	26.36		
	3rd Cross		1	58.50	5.00	0.05	14.63		
	Al Haj Syed Yakhub Sab Layout								
	Al Haj Syed Yakhub Sab Layout sub cross		1	47.00	6.10	0.05	14.34		
	Rajiv Gandhi Nagara								
	2nd Cross		1	113.00	6.20	0.05	35.03		
	Jyoti Nagar								
	2nd Cross		1	336.50	5.30	0.05	89.17		
	3rd Cross		1	338.00	5.90	0.05	99.71		
	BHEL Layout								
	2nd Main		1	183.50	6.35	0.05	58.26		
	Hi Tension wire lane behind masjid								
	Main Road		1	189.00	11.50	0.05	108.68		
	Munishwara Layout								
	6th Main		1	66.00	5.55	0.05	18.32		
	7th Main		1	68.00	5.75	0.05	19.55		
	9th Main Third Cross		1	136.50	5.42	0.05	37.00		
	Attur Lake Road								
	In front of Vruksha Restaurant		1	286.50	6.50	0.05	93.11		
	Amba Bavani Road								
	Sashank Florento front		1	634.40	10.00	0.05	317.20		
	Ambedkar Park								
	Beside Road		1	115.60	6.50	0.05	37.57		
	Top Root College road								
	Main Road		1	225.00	7.00	0.05	78.75		
						Total Qty	1202.50		-
						Qty as per Schedule-B	1218.07		-
						Qty upto 125%	0.00		-
						Qty as per Modified Estimate	1202.50	7365.73	8,857,290.33
22	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications.								
	KPWD S R 2018-19	It. No.	21.7.	Pg No.	158				
	BC Road								
	Bettahalli								
	Aishwarya Bakery Road 5th Cross		1	52.00	5.25		273.17		
	Aishwarya Bakery Road 6th Cross		1	50.00	5.05		252.51		
	Aditya Nagara I Stage								
	Al Haj Syed Yakhub Sab Layout		1	250.00	6.00		1500.00		

S No	Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate in Rs.	Amount in Rs.
	Adithya Nagara								
	9th Main 10th Cross towards Meadows		1	94.00	5.00		470.00		
	Munivenkatappa Layout (Doddabettahalli)								
	1st Cross		1	34.20	6.10		208.62		
	3rd Main		1	14.80	6.50		96.20		
	2nd Cross		1	28.10	8.20		230.42		
	2nd Cross		1	9.20	8.00		73.60		
	2nd Main		1	67.60	7.80		527.28		
	3rd Cross		1	58.50	5.00		292.50		
	Al Haj Syed Yakhub Sab Layout								
	Al Haj Syed Yakhub Sab Layout sub cross		1	47.00	6.10		286.70		
	Rajiv Gandhi Nagara								
	2nd Cross		1	113.00	6.20		700.60		
	Jyoti Nagar								
	2nd Cross		1	336.50	5.30		1783.45		
	3rd Cross		1	338.00	5.90		1994.20		
	BHEL Layout								
	2nd Main		1	183.50	6.35		1165.23		
	Hi Tension wire lane behind masjid								
	Main Road		1	189.00	11.50		2173.50		
	Munishwara Layout								
	6th Main		1	66.00	5.55		366.30		
	7th Main		1	68.00	5.75		391.00		
	9th Main Third Cross		1	136.50	5.42		740.03		
	Attur Lake Road								
	In front of Vruksha Restaurant		1	286.50	6.50		1862.25		
	Amba Bavani Road								
	Sashank Florento front		1	634.40	10.00		6344.00		
	Ambedkar Park								
	Beside Road		1	115.60	6.50		751.40		
	Top Root College road								
	Main Road		1	225.00	7.00		1575.00		
						Total Qty	24050.00		-
						Qty as per Schedule-B	24361.40		-
						Qty upto 125%	0.00		-
						Qty as per Modified Estimate	24050.00	12.85	309,042.50
23	Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision using40/50 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 40 mm) with 5.4% VG-30 Bitumen								
	KPWD S.R 2018-19	It. No		21.22.6		Pg No	162		
	BC Road								
	Bettahalli								
	Aishwarya Bakery Road 5th Cross		1	52.00	5.25	0.04	10.93		
	Aishwarya Bakery Road 6th Cross		1	50.00	5.05	0.04	10.10		
	Aditya Nagara I Stage								
	Al Haj Syed Yakhub Sab Layout		1	250.00	6.00	0.04	60.00		
	Adithya Nagara								
	9th Main 10th Cross towards Meadows		1	94.00	5.00	0.04	18.80		
	Munivenkatappa Layout (Doddabettahalli)								
	1st Cross		1	34.20	6.10	0.04	8.34		
	3rd Main		1	14.80	6.50	0.04	3.85		
	2nd Cross		1	28.10	8.20	0.04	9.22		
	2nd Cross		1	9.20	8.00	0.04	2.94		
	2nd Main		1	67.60	7.80	0.04	21.09		
	3rd Cross		1	58.50	5.00	0.04	11.70		
	Al Haj Syed Yakhub Sab Layout								
	Al Haj Syed Yakhub Sab Layout sub cross		1	47.00	6.10	0.04	11.47		
	Rajiv Gandhi Nagara								
	2nd Cross		1	113.00	6.20	0.04	28.02		
	Jyoti Nagar								
	2nd Cross	Cum	1	336.50	5.30	0.04	71.34		

No	Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate in Rs.	Amount in Rs.
	3rd Cross		1	338.00	5.90	0.04	79.77		
	BHEL Layout								
	2nd Main		1	183.50	6.35	0.04	46.61		
	Hi Tension wire lane behind masjid								
	Main Road		1	189.00	11.50	0.04	86.94		
	Munishwara Layout								
	6th Main		1	66.00	5.55	0.04	14.65		
	7th Main		1	68.00	5.75	0.04	15.64		
	9th Main Third Cross		1	136.50	5.42	0.04	29.60		
	Attur Lake Road								
	In front of Vruksha Restaurant		1	286.50	6.50	0.04	74.49		
	Amba Bavani Road								
	Sashank Florento front		1	634.40	10.00	0.04	253.76		
	Ambedkar Park								
	Beside Road		1	115.60	6.50	0.04	30.06		
	Top Root College road								
	Main Road		1	225.00	7.00	0.04	63.00		-
						Total Qty	962.00		-
						Qty as per Schedule-B	974.46		-
						Qty upto 125%	0.00		
						Qty as per Modified Estimate	962.00	8534.82	8,210,496.84
24	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area. thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803								
			It. No	24.15		Pg.No	182		
	KPWD S R 2018-19	Sqm	2	1	2950.00	0.10	590.00		
	Edge Lane		1	1	1450.00	0.10	145.00		-
						Total Qty	735.00		-
	Center line					Qty as per Schedule-B	1103.40		-
						Qty upto 125%	0.00		
						Qty as per Modified Estimate	735.00	459.29	337,578.15

Sl. No	Description of Work	Unit	No	Dimension			Quantity	Rate in Rs.	Amount in Rs.
				L	B	D			
								Total Constrution cost	8,85,75,155.43
								GST 12%	1,06,29,018.65
								Sub Total	9,92,04,174.08
								Miscellaneous & Rounding Off	(174.08)
								Grand Total	9,92,04,000.00

Certificate:-

1. The workspot was inspected and work is found to be necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike Limits.
3. The rates adopted based on the PWD SR Bangalore Circle for year 2018-19
4. The provisions made in the estimate are necessary and essential.

Consultant
For Nandi Consultants

Assistant Engineer
Ward 03
BBMP - Bangalore

Assistant Executive Engineer
Yelahanka New town Sub-Division
BBMP - Bangalore

Executive Engineer
Yelahanka
BBMP - Bangalore

Executive Engineer,
Yelahanka Division,
B.B.M.P, Bangalore-64

Technical Sanction
Accorded For Rs 9,92,04,000/-
Head of A/C P3833
CER NO :101 Dt:25-05-2022